

What is claimed:

1. A method of capturing photographic image information, comprising:  
providing a camera with a global positioning system receiver;  
capturing an image with the camera;  
determining a position of an object of the captured image; and  
storing data indicative of the position of the object of the captured image with the image.
2. The method of claim 1, wherein the image is digital.
3. The method of claim 1, wherein determining a position of the captured image comprises:  
obtaining global position coordinates of the camera;  
obtaining a range from the camera to the object;  
obtaining a magnetic bearing of the object; and  
calculating the position of the object of the captured image by translating the range and magnetic bearing from the global position coordinates to provide coordinates of the object.
4. The method of claim 3, and further comprising:  
associating captured data with a physical description of the subject of the captured image.
5. The method of claim 4, wherein associating captured data with a physical description of the subject of the captured image comprises:  
comparing the coordinates of the object of the photograph to a set of known coordinates; and  
embedding with the captured data textual information about objects having known coordinates corresponding to the coordinates of the object.

6. The method of claim 5, wherein embedding further comprises retrieving textual information about the object at the known coordinates.
7. The method of claim 1, and further comprising:
  - associating captured data with a physical description of the subject of the captured image.
8. The method of claim 7, wherein associating captured data with a physical description of the subject of the captured image comprises:
  - comparing the coordinates of the object of the photograph to a set of known coordinates; and
  - embedding with the captured data textual information about objects having known coordinates corresponding to the coordinates of the object.
9. A method of capturing photographic image information, comprising:
  - providing a camera with a global positioning system receiver;
  - capturing an image with the camera;
  - obtaining global position coordinates of the camera;
  - obtaining a range from the camera to the object;
  - obtaining a magnetic bearing of the object;
  - calculating the position of the object of the captured image by translating the range and magnetic bearing from the global position coordinates to provide coordinates of the object;
  - storing data indicative of the position of the object of the captured image with the image; and
  - associating captured data with a physical description of the subject of the captured image.

10. A method of associating textual information about an object in a photograph, comprising:

- obtaining captured coordinates of the object from the captured data for the image;
- comparing the coordinates to a database of known coordinates;
- retrieving appropriate textual data to the captured coordinates; and
- embedding with the captured data the retrieved textual information about objects having known coordinates corresponding to the captured coordinates.

11. The method of claim 10, wherein obtaining captured coordinates of the object comprises:

- downloading captured data for an image from a camera that took the image.

12. A camera, comprising:

- a processor;
- an image data capture module connected to the processor, the image data capture module to capture image data corresponding to a position of an object of a photograph taken by the camera; and
- a storage element connected to the processor for storing images and captured image data.

13. The camera of claim 12, wherein the image data capture module comprises:

- a global positioning system to record coordinates of the camera when a photograph is taken;

- a range finder to record a range to the object of the photograph when the photograph is taken; and

- a compass to record a magnetic bearing of the object of the photograph when the photograph is taken.

14. The camera of claim 13, wherein the image data capture module further comprises:

an inclinometer to record an inclination with respect to level of the camera when a photograph is taken.

15. A camera, comprising:

a processor;

an image data capture module connected to the processor, the image data capture module to capture image data corresponding to a position of an object of a photograph taken by the camera, the image data capture module comprising:

a global positioning system to record coordinates of the camera when a photograph is taken;

a range finder to record a range to the object of the photograph when the photograph is taken; and

a compass to record a magnetic bearing of the object of the photograph when the photograph is taken; and

a storage element connected to the processor for storing images and captured image data.

16. A camera, comprising:

a processor;

a storage element connected to the processor for storing images and image information; and

means for storing image data corresponding to a position of an object of a photograph taken by the camera.

17. An image data capture module, comprising:

a global positioning system to record coordinates of a camera when a photograph is taken;

a range finder to record a range to an object of the photograph when the photograph is taken; and

a compass to record a magnetic bearing of the object of the photograph when the photograph is taken.

18. The image data capture module of claim 17, and further comprising:  
an inclinometer to record an inclination with respect to level of the camera when a photograph is taken.

19. An image data capture module, comprising:  
a global positioning system to record coordinates of a camera when a photograph is taken;  
a range finder to record a range to an object of the photograph when the photograph is taken;  
a compass to record a magnetic bearing of the object of the photograph when the photograph is taken; and  
an inclinometer to record an inclination with respect to level of the camera when a photograph is taken.

20. An image data capture module for a camera with a global positioning system, the image data capture module comprising:  
a range finder to record a range to an object of a photograph when the photograph is taken; and  
a compass to record a magnetic bearing of the object of the photograph when the photograph is taken.

21. The image data capture module of claim 20, and further comprising:  
an inclinometer to record an inclination with respect to level of the camera when a photograph is taken.